

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E81515

**Employer :** JP Morgan Chase & Co.

**Worksite :** Seattle Branch

**Street :** 1301 2nd Ave WMC 1001

**Jurisdiction :** City of Seattle

**Survey Date :** 11/9/2013

**Survey Type :** Online

**Response Rate :** 64%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 29.3%

**Reported Total Employees at Worksite:** 361

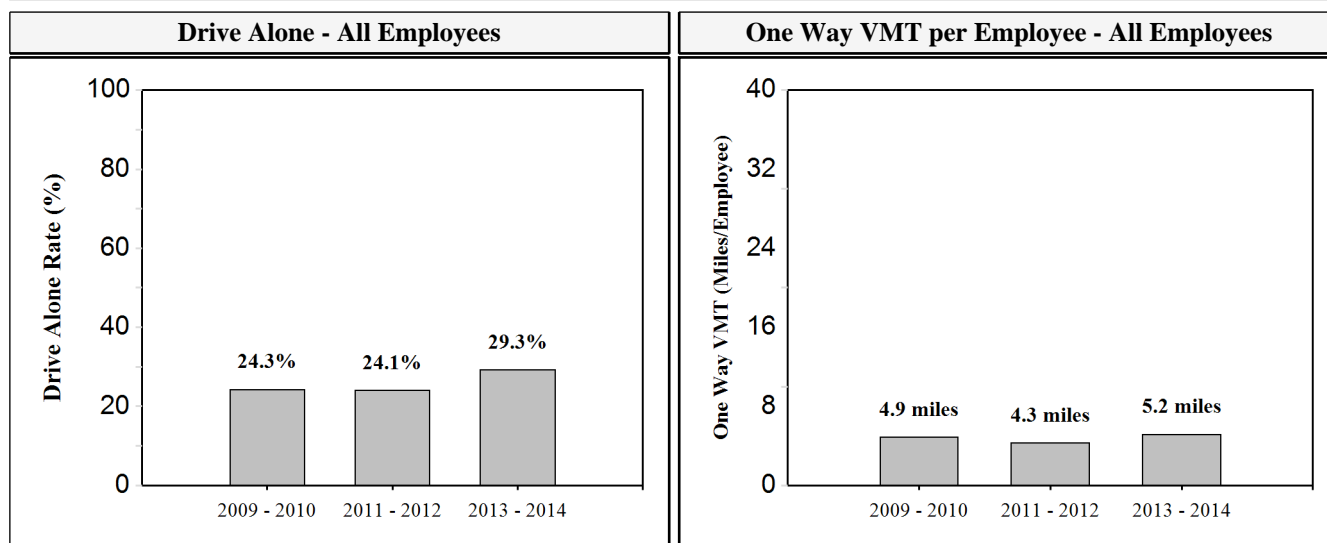
**Surveys Distributed :** 361

**One-Way VMT per employee :** 5.2

**Surveys Returned :** 232

**Surveys Returned by CTR Affected Employees :** 229

**Total Estimated CTR - Affected Employees at Worksite :** 356



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	24.3%	24.0%	4.9	4.9
2011 - 2012	24.1%	23.9%	4.3	4.4
2013 - 2014	29.3%	29.5%	5.2	5.2
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	20.6%	22.9%	6.1%	6.1%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2011 - 2012	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	24.3%	24.1%	29.3%	23.0%
Drive Alone - CTR Affected Employees*	24.0%	23.9%	29.5%	23.1%
VMT/Employee - All Employees	4.9	4.3	5.2	4.2
VMT/Employees - CTR Affected Employees	4.9	4.4	5.2	4.2

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2009 - 2010	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	241	227	214
Estimated Emissions for Total Employment	527	346	334

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	1,530,258	821,632	944,980
Bus Annual Passenger Miles - Surveyed Employees	700,600	538,000	607,300
Ferry Annual Passenger Miles - Estimated for Total Employment	164,253	143,098	165,406
Ferry Annual Passenger Miles - Surveyed Employees	75,200	93,700	106,300
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	461,742	198,994	197,772
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	211,400	130,300	127,100

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

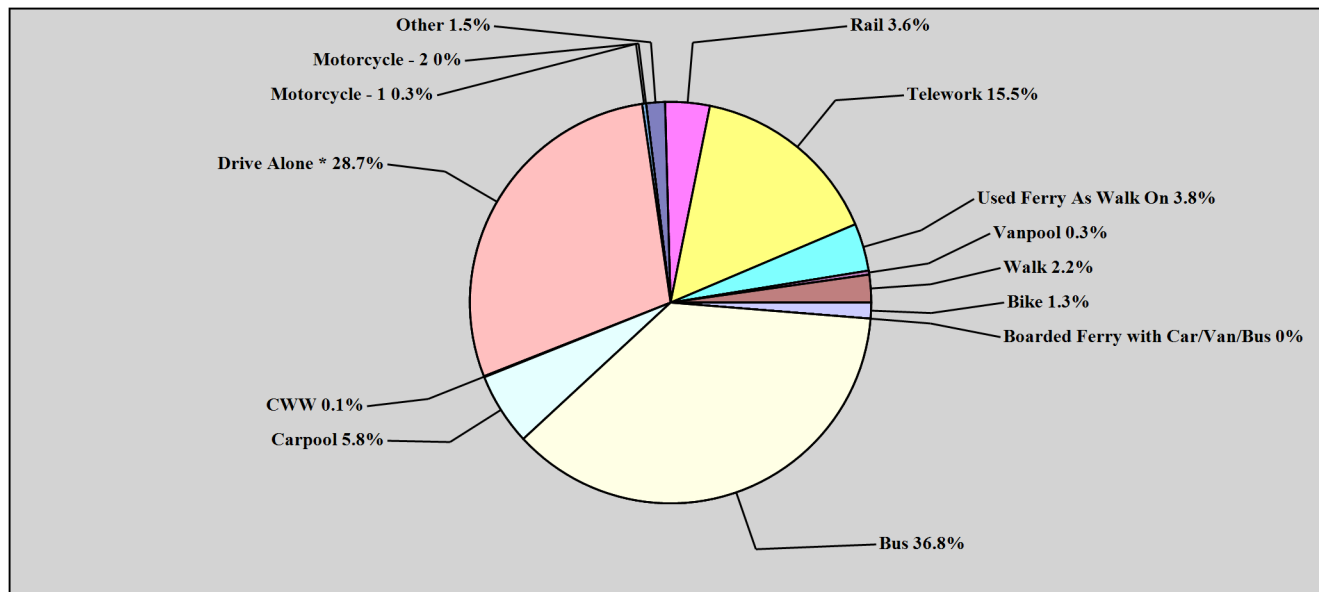
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 15.7 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

**Mode Split - All Employees**



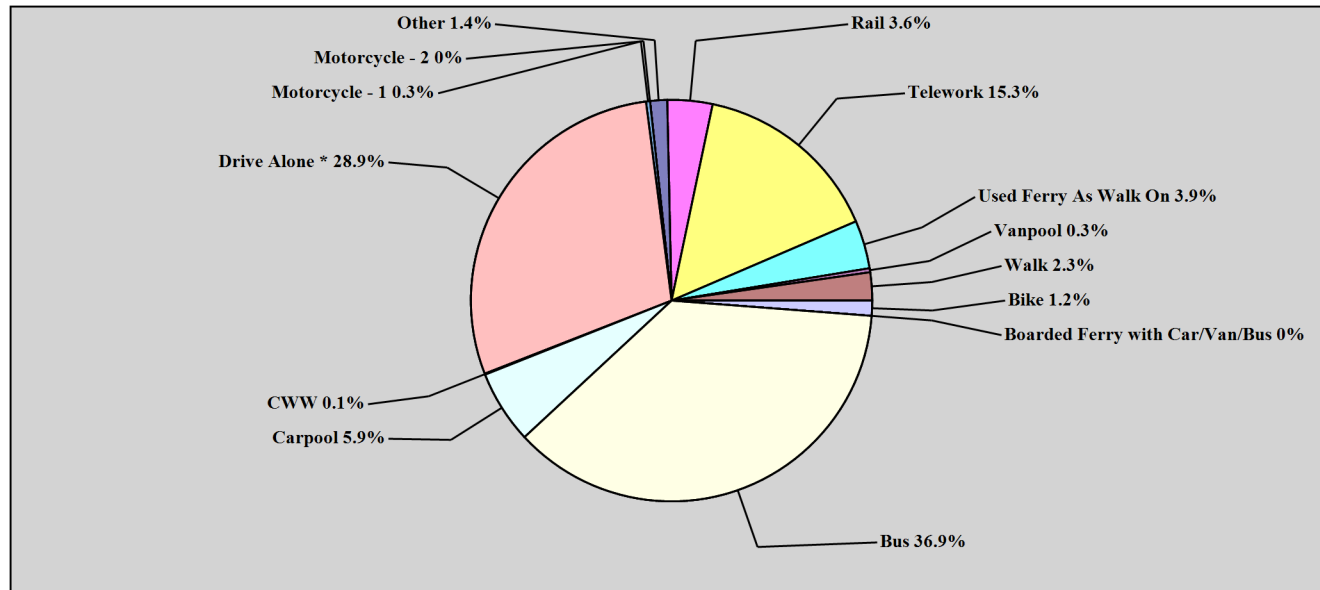
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	360	28.7%	23.0%	78	33.6%	33.1%
Carpool	73	5.8%	8.4%	23	9.9%	11.3%
Vanpool	4	0.3%	0.0%	1	0.4%	0.0%
Motorcycle - 1	4	0.3%	1.0%	2	0.9%	1.7%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	462	36.8%	35.4%	113	48.7%	44.4%
Rail	45	3.6%	4.5%	13	5.6%	5.9%
Bike	16	1.3%	1.6%	7	3.0%	3.3%
Walk	28	2.2%	7.6%	8	3.4%	9.2%
Telework	194	15.5%	12.7%	73	31.5%	27.2%
CWW	1	0.1%	0.0%	1	0.4%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.9%	0	0.0%	1.3%
Used Ferry As Walk On	48	3.8%	3.5%	11	4.7%	4.6%
Other	19	1.5%	1.3%	6	2.6%	1.7%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	358	28.9%	22.8%	77	33.6%	33.3%
Carpool	73	5.9%	8.6%	23	10.0%	11.7%
Vanpool	4	0.3%	0.0%	1	0.4%	0.0%
Motorcycle - 1	4	0.3%	1.1%	2	0.9%	1.8%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	457	36.9%	35.1%	112	48.9%	44.6%
Rail	45	3.6%	4.9%	13	5.7%	6.3%
Bike	15	1.2%	1.7%	6	2.6%	3.6%
Walk	28	2.3%	7.8%	8	3.5%	9.0%
Telework	189	15.3%	12.7%	72	31.4%	27.9%
CWW	1	0.1%	0.0%	1	0.4%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.7%	0	0.0%	0.9%
Used Ferry As Walk On	48	3.9%	3.6%	11	4.8%	4.5%
Other	17	1.4%	0.9%	5	2.2%	1.4%

\* Drive alone mode includes fill-in, where applicable.



**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	35	15%	232	100%
1 Days	8	3%	197	85%
2 Days	12	5%	189	81%
3 Days	10	4%	177	76%
4 Days	23	10%	167	72%
5 Days	132	57%	144	62%
6 or More Days	12	5%	12	5%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	26	11.4%	21	9.2%	96	42.1%	14	6.1%	9	3.9%	1	0.4%	8	3.5%	3	1.3%	176	77.2%
4 days a week (4/10s)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
3 days a week	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

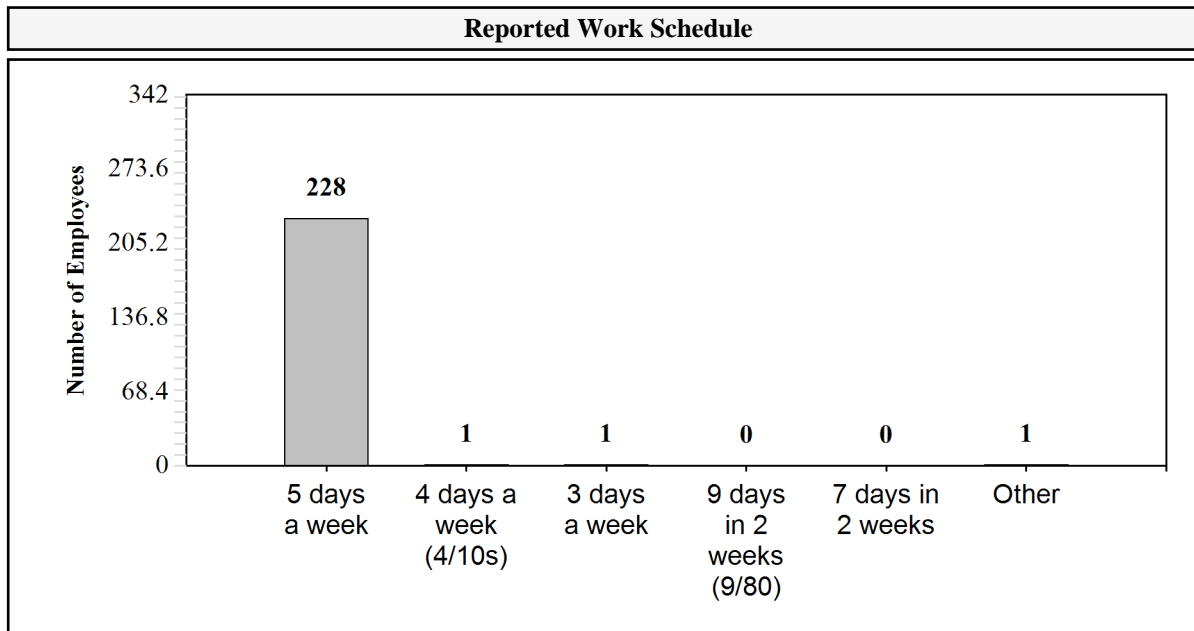
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	9
2	Motorcycle	0
2	Carpool	73
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	4
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

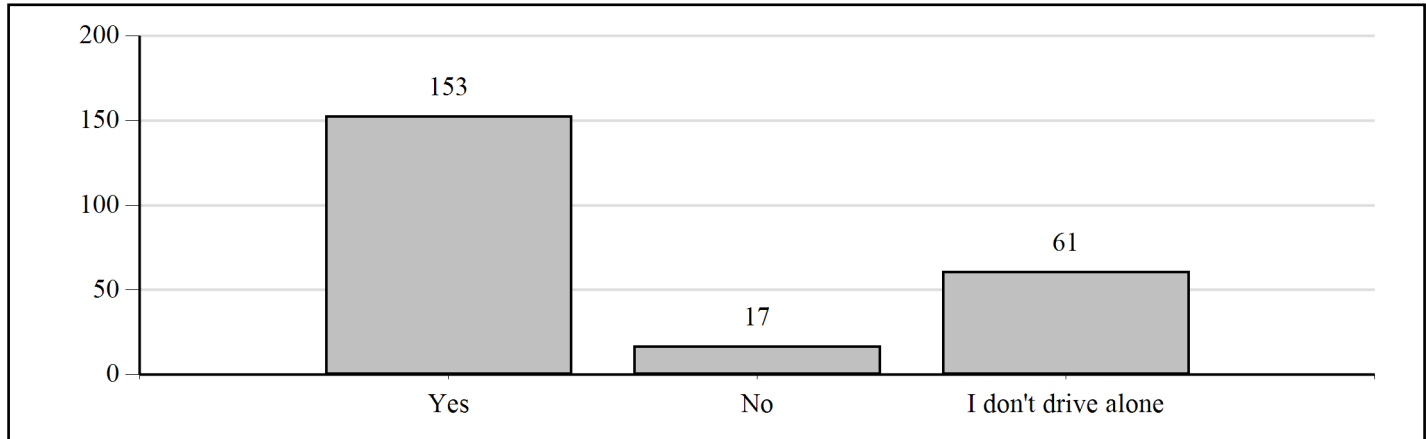
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	228	98.7%
4 days a week (4/10s)	1	0.4%
3 days a week	1	0.4%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	0.4%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.9%
I don't telework	54	23.3%
Occasionally, on an as-needed basis	78	33.6%
1-2 days/month	20	8.6%
1 day/week	27	11.6%
2 days/week	27	11.6%
3 days/week	24	10.3%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Cost of parking or lack of parking	134	22.6%
To save money	118	19.9%
Free or subsidized bus, train, vanpool pass or fare benefit	99	16.7%
I have the option of teleworking	83	14.0%
To save time using the HOV lane	35	5.9%
Environmental and community benefits	34	5.7%
Other	33	5.6%
Personal health or well-being	30	5.1%
Financial incentives for carpooling, bicycling or walking.	17	2.9%
Driving myself is not an option	5	0.8%
I receive a financial incentive for giving up my parking space	3	0.5%
Preferred/reserved carpool/vanpool parking is provided	2	0.3%
Emergency ride home is provided	0	0.0%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	127	26.2%
I like the convenience of having my car	119	24.5%
Family care or similar obligations	90	18.6%
Other	65	13.4%
My job requires me to use my car for work	48	9.9%
My commute distance is too short	15	3.1%
Bicycling or walking isn't safe	15	3.1%
I need more information on alternative modes	6	1.2%
There isn't any secure or covered bicycle parking	0	0.0%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	11	0	0	5	0	5	1
2	4	0	0	6	0	1	5	0	3	2
3	0	0	1	4	0	0	3	0	0	0
4	0	0	0	8	1	0	6	0	1	0
5	4	0	0	10	0	0	3	0	2	0
6	1	0	0	9	0	0	5	0	2	0
7	2	0	0	1	0	0	0	0	0	0
8	3	0	0	9	0	1	2	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	0	25	0	0	10	0	4	1
11 or more	0	0	0	5	0	0	0	0	1	0
# Of Employees using Transit	15	0	1	88	1	2	39	0	18	4
Total One-Way Transit Trips Per Week	82	0	3	570	4	10	209	0	92	15

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	11	0	0	5	0	5	1
2	4	0	0	6	0	1	5	0	3	2
3	0	0	1	4	0	0	3	0	0	0
4	0	0	0	8	1	0	6	0	1	0
5	4	0	0	10	0	0	2	0	2	0
6	1	0	0	9	0	0	5	0	2	0
7	2	0	0	1	0	0	0	0	0	0
8	3	0	0	9	0	1	2	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	0	25	0	0	10	0	4	1
11 or more	0	0	0	5	0	0	0	0	1	0
# Of Employees using Transit	15	0	1	88	1	2	38	0	18	4
Total One-Way Transit Trips Per Week	82	0	3	570	4	10	204	0	92	15

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
74136	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	5
94920	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98001	2	0.86%	0	0	0	0	3	0	0	0	7	0	0	0	0
98004	6	2.59%	8	1	0	0	21	0	0	0	0	0	0	0	0
98005	3	1.29%	1	0	0	0	11	0	0	0	3	0	0	0	0
98006	4	1.72%	1	0	0	0	17	0	0	0	1	0	0	0	0
98007	4	1.72%	0	0	0	0	15	0	0	0	0	0	0	0	0
98010	1	0.43%	0	0	0	0	0	6	0	0	0	0	0	0	0
98020	4	1.72%	10	0	0	0	5	5	0	0	0	0	0	0	0
98021	5	2.16%	6	0	0	0	10	0	0	0	8	0	0	0	0
98023	1	0.43%	0	0	0	0	1	0	0	0	5	0	0	0	0
98026	3	1.29%	1	0	0	0	9	3	0	0	2	0	0	0	0
98027	4	1.72%	0	9	0	0	7	0	0	0	2	1	0	0	0
98028	1	0.43%	0	4	0	0	0	0	0	0	1	0	0	0	0
98029	5	2.16%	13	0	0	0	14	0	0	0	0	0	0	0	0
98031	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98032	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98033	3	1.29%	0	0	0	0	16	0	0	0	0	0	0	0	0
98034	1	0.43%	3	0	0	0	0	0	0	0	2	0	0	0	0
98036	3	1.29%	3	0	0	3	6	0	0	0	3	0	0	0	0
98037	2	0.86%	5	4	0	0	0	0	0	0	0	0	0	0	0
98038	2	0.86%	1	0	4	0	0	0	0	0	5	0	0	0	0
98039	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98040	1	0.43%	2	0	0	0	0	0	1	0	2	0	0	0	0
98042	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98043	1	0.43%	1	0	0	0	4	0	0	0	0	0	0	0	0



98045	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	3	1.29%	10	0	0	0	5	0	0	0	0	0	0	0	0
98055	3	1.29%	9	0	0	0	2	1	0	0	3	0	0	0	0
98056	2	0.86%	0	0	0	0	9	0	0	0	3	0	0	0	0
98057	2	0.86%	3	0	0	0	5	2	0	0	0	0	0	0	0
98058	1	0.43%	1	0	0	0	3	0	0	0	1	0	0	0	0
98059	5	2.16%	0	0	0	0	15	0	0	0	10	0	0	0	0
98070	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	6	0
98072	2	0.86%	8	0	0	0	0	0	0	0	2	0	0	0	0
98074	2	0.86%	9	0	0	0	0	0	0	0	1	0	0	0	0
98075	7	3.02%	16	3	0	0	11	0	0	0	7	0	0	0	0
98087	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98092	2	0.86%	1	0	0	0	2	0	0	0	7	0	0	0	0
98101	3	1.29%	4	0	0	0	0	0	0	10	0	0	0	0	0
98102	4	1.72%	5	0	0	0	17	0	0	0	0	0	0	0	0
98103	3	1.29%	4	0	0	0	0	0	8	0	3	0	0	0	0
98104	2	0.86%	0	0	0	0	5	0	0	5	0	0	0	0	0
98105	3	1.29%	9	1	0	1	4	0	0	0	0	0	0	0	0
98107	9	3.88%	10	1	0	0	32	0	0	0	1	0	0	0	0
98108	2	0.86%	2	5	0	0	0	0	0	0	3	0	0	0	0
98109	4	1.72%	0	5	0	0	15	0	0	0	0	0	0	0	0
98110	4	1.72%	0	0	0	0	0	0	0	0	2	0	0	20	0
98115	8	3.45%	11	1	0	0	23	0	0	0	7	0	0	0	2
98116	8	3.45%	5	10	0	0	8	0	0	0	14	0	0	0	2
98117	3	1.29%	10	0	0	0	1	0	0	0	4	0	0	0	0
98118	2	0.86%	6	0	0	0	0	0	0	0	1	0	0	0	3
98119	7	3.02%	4	9	0	0	23	0	0	0	0	0	0	0	0
98121	3	1.29%	0	0	0	0	2	0	0	9	4	0	0	0	0
98122	2	0.86%	0	2	0	5	0	0	0	0	3	0	0	0	0
98125	2	0.86%	0	2	0	0	1	0	4	0	3	0	0	0	0
98126	3	1.29%	10	0	0	0	4	0	0	0	1	0	0	0	0
98133	5	2.16%	0	0	0	0	16	5	1	0	3	0	0	0	0
98136	3	1.29%	3	0	0	0	9	0	0	0	1	0	0	0	0
98144	3	1.29%	0	0	0	0	8	0	0	2	0	0	0	0	5
98146	2	0.86%	0	0	0	0	8	0	0	0	2	0	0	0	0
98148	1	0.43%	1	0	0	0	4	0	0	0	0	0	0	0	0
98155	5	2.16%	6	0	0	0	12	0	0	0	9	0	0	0	0



98168	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98177	8	3.45%	22	0	0	0	10	0	2	0	6	0	0	0	2
98188	1	0.43%	0	1	0	0	0	0	0	0	0	0	0	0	0
98199	4	1.72%	5	5	0	0	10	0	0	0	0	0	0	0	0
98208	2	0.86%	0	5	0	0	5	0	0	0	0	0	0	0	0
98260	1	0.43%	0	0	0	0	0	3	0	0	2	0	0	0	0
98271	2	0.86%	5	0	0	0	0	0	0	0	5	0	0	0	0
98272	3	1.29%	0	2	0	0	8	0	0	2	3	0	0	0	0
98273	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98290	2	0.86%	0	3	0	0	5	0	0	0	0	0	0	0	0
98296	3	1.29%	2	0	0	0	8	0	0	0	4	0	0	0	0
98310	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	1	0
98312	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98333	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98338	1	0.43%	1	0	0	0	0	2	0	0	2	0	0	0	0
98366	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	5	0
98367	1	0.43%	0	0	0	0	0	0	0	0	4	0	0	1	0
98370	2	0.86%	0	0	0	0	0	0	0	0	0	0	0	10	0
98372	2	0.86%	2	0	0	0	0	8	0	0	0	0	0	0	0
98391	2	0.86%	1	0	0	0	0	6	0	0	3	0	0	0	0
98404	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98422	2	0.86%	5	0	0	0	3	0	0	0	2	0	0	0	0
98503	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98528	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	5	0
98734	1	0.43%	0	0	0	0	0	4	0	0	2	0	0	0	0
98815	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0